ABSTRACT OF THE DISCLOSURE

A method for I/Q mismatch calibration in a receiver. The receiver has an I/Q correction module using parameters A_p and B_p. The method comprises the steps of generating an
5   analog test signal $x(t)$, applying I/Q demodulation to reduce the central frequency of the signal $x(t)$ by f_c Hz and outputting a demodulated signal $x_{dem}(t)$, converting the analog signal $x_{dem}(t)$ to a digital signal $x_{dem}[n]$, sending the signal $x_{dem}[n]$ into the I/Q correction module using
10   parameters A_p and B_p and outputting a corrected signal $w[n]$, obtaining two measures U_1 and U_2 of the corrected signal $w[n]$, and updating the parameters A_p and B_p of the I/Q correction module respectively by a first and second function of the two measures U_1 and U_2, and the current
15   values of the parameters A_p and B_p.